



Senior Lecturer
Dr. Mohd Fais Mansor
Ph.D., MIEEE

EXPERTISE

- *Antenna and Propagation*
- *RF circuit and systems*
- *Wireless Communication*

RESEARCH

- *MIMO Antenna and RF circuits*
- *Reconfigurable mm-Wave antenna array*
- *Reconfigurable dielectric resonator antenna*
- *Active reflectarray system*
- *Solar integrated reflectarray system*
- *mm-Wave system using LTCC fabrication technology*

PROFESIONAL AFFILIATIONS

- *Member, IEEE*
- *Graduate member, BEM*

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BRIEF RESEARCH/COMMUNITY/CONSULTATION SNAPSHOT

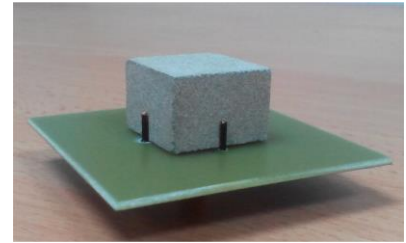


Fig. 1. Pattern reconfigurable dielectric resonator antenna

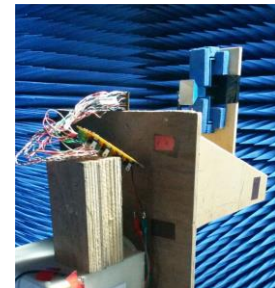
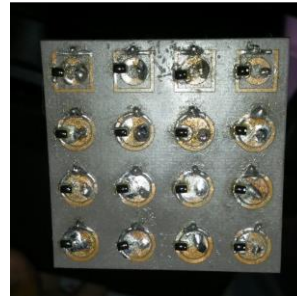


Fig. 2. Beam-steering reflectarray with integrated varactor

SELECTED PUBLICATIONS

1. MR Ahsan, Mohammad Tariqul Islam, M Habib Ullah, Mohd Fais Mansor, Norbahiah Misran, Dual band printed patch antenna on ceramic-polytetrafluoroethylene composite material substrate for GPS and WLAN applications, *Telecommunication Systems*, Nov 2015, pp. 1-10.
2. HS Wong, S Kibria, MFB Mansor, MT Islam, Compact MIMO antenna for LTE handsets, *Frequenz*, Vol. 69, Nov 2015, pp.463-469.
3. Md. Moinul Islam, Mohammad Tariqul Islam, Md. Samsuzzaman, Mohammad Rashed Iqbal Faruque , Norbahiah Misran and Mohd Fais Mansor, A Miniaturized Antenna with Negative Index Metamaterial Based on Modified SRR and CLS Unit Cell for UWB Microwave Imaging Applications, *Materials*, Vol. 8, Issue 2, pp. 391-407. 2015
4. M. R. Ahsan, M. Habib Ullah, F. Mansor, N. Misran and T. Islam. Analysis of a Compact Wideband Slotted Antenna for Ku Band Applications, *International Journal of Antennas and Propagation*, 2014.
5. M. R. Ahsan, M. T. Islam, M. Habib Ullah, H. Arshad, and M. F. Mansor, Low-Cost Dielectric Substrate for Designing Low Profile Multiband Monopole Microstrip Antenna, *The Scientific World Journal*, 2014.
6. Afaz Uddin Ahmed, M. T. Islam, Rezaul Azim, Mahamod Ismail and Mohd Fais Mansor, Microstrip Antenna Design for Femtocell Coverage Optimization, *International Journal of Antennas and Propagation*, 2014.
7. M. Ramli, A. Selamat, N. Misran, M. F. Mansor and M. T. Islam, Dual Configurations Reflectarray Element In Improving Dynamic Phase Range And Loss, *International Journal of Applied Engineering Research* , Vol. 9, Issue 24, pp. 26553-26562, 2014.
8. Mohd F. B. Mansor, Tim W. C. Brown, Barry G. Evans, , 2010, ISI, Satellite MIMO measurement with colocated quadrifilar helix antennas at the receiver terminal , *IEEE Antennas and wireless propagation letters* , 9:712-715